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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10533149 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>RUBAS, PAUL J. |
|  | <b>Examiner</b><br><br>AMBER MILLER HARRIS     | <b>Art Unit</b><br><br>1797  |

### SEARCHED

| Class | Subclass  | Date      | Examiner |
|-------|---|-----------|----------|
| 95    | 45  | 4/21/2008 | AH       |
| 96    | 7   | 4/21/2008 | AH       |
| 210   | 232, 332, 500.23  | 4/21/2008 | AH       |
| 210   | 321.79, 321.88, 321.89, 321.65, 321.72, 321.8                   | 4/21/2008 | AH       |
| 95    | 45  | 11/5/2008 | AH       |
| 96    | 7   | 11/5/2008 | AH       |
| 210   | 232, 332, 500.23, 321.79, 321.88, 321.89, 321.65, 321.72, 321.8 | 11/5/2008 | AH       |

### SEARCH NOTES

| Search Notes  | Date      | Examiner |
|---|-----------|----------|
| Inventor Search   | 4/17/2008 | AH       |
| IDS Search  | 4/17/2008 | AH       |
| Class 95 searched for a fluid separator using multiple coated membrane tubes.   | 4/21/2008 | AH       |
| Class 96 searched for a fluid separator used within a pressure vessel.  | 4/21/2008 | AH       |
| Class 21 searched for a fluid separator using multiple coated membrane tubes, coated with silica or a zeolite, used within a cylindrical pressure vessel. | 4/21/2008 | AH       |
| Inventor Search (eDAN)  | 11/5/2008 | AH       |
| Classes 95, 96 and 210 searched for a membrane apparatus using manifolds to communicate between the membranes.  | 11/5/2008 | AH       |

### INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
|       |          |      |          |

/AMBER MILLER HARRIS/  
Acting Examiner, Art Unit 1797